

6BQ5

POWER PENTODE

9-PIN MINIATURE TYPE

1	GENERAL DATA					
	Electrical:					
,	Heater, for Unipotential Cathode: Voltage 6.3 ac or dc volts Current 0.76 amp Direct Interelectrode Capacitances:					
	Grid No.1 to cathode & grid No.3, grid No.2, and heater 10.8 μμf Plate to cathode & grid No.3,					
	grid No.2, and heater 6.5 μμf					
	Characteristics, Class A ₁ Amplifier: Plate Voltage					
	Mechanical:					
	Operating Position					
	Pin 1 - Internal Connection— Do Not Use Pin 2 - Grid No.1 Pin 3 - Cathode, Grid No.3 Pin 1 - Heater Pin 5 - Heater Pin 6 - Same as Pin 1 Pin 7 - Plate Pin 8 - Same as Pin 1 Pin 9 - Grid No.2					
_	AMPLIFIER - Class A,					
	Maximum Ratings, Design-Center Values: PLATE VOLTAGE					



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PEAK HEATER-CATHODE VOLTAGE: Heater negative with respect Heater positive with respect	to cathode.	100 max. 100≜ max.	volts volts		
Typical Operation:					
Plate Voltage		5.5 10 4500 10	volts volts volts volts ma ma ohms watts		
Maximum Circuit Values:					
Grid-No.1-Circuit Resistance: For fixed-bias operation For cathode-bias operation .			megohm megohm		

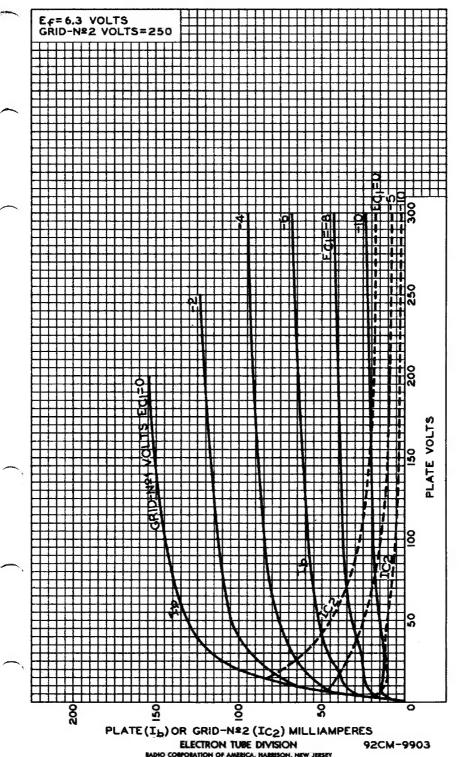
- Without external shield.
- Grid-No.2 input must not exceed 4 watts under maximum-signal conditions. ▲ The dc component must not exceed 100 volts.

OPERATING CONSIDERATIONS

The bulb becomes hot during operation. To insure adequate cooling, therefore, it is essential that free circulation of air be provided.



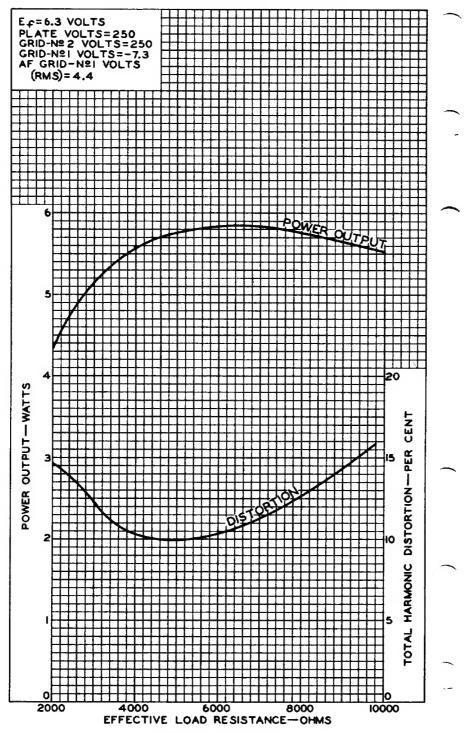
AVERAGE CHARACTERISTICS







OPERATION CHARACTERISTICS



ELECTRON TUBE DIVISION RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM-9902